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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/021,741A

DATE: 04/25/2002 TIME: 09:54:52

Input Set : A:\PTOVK.txt

Output Set: N:\CRF3\04252002\J021741A.raw



3 <110> APPLICANT: University of North Texas Health Science Center at Fort Worth Mathews, Porunellor A. Boles, Kent 7 <120> TITLE OF INVENTION: Immuno activation of CS1 receptor in natural killer cells to inhibit tumor cell growth 10 <130> FILE REFERENCE: 120746.00004 12 <140> CURRENT APPLICATION NUMBER: 10/021,741A C--> 13 <141> CURRENT FILING DATE: 2002-04-02 15 <160> NUMBER OF SEQ ID NOS: 2 17 <170> SOFTWARE: PatentIn version 3.1 19 <210> SEQ ID NO: 1 20 <211> LENGTH: 1083 21 <212> TYPE: DNA 22 <213> ORGANISM: Homo Sapiens 24 <300> PUBLICATION INFORMATION: 25 <301> AUTHORs: Boles, K.S. and Mathew, P.A. 26 <302> TITLE: Molecular cloning of CS1, a novel human natural killer cell 27 <303> JOURNAL: Immunogenetics 28 <304> VOLUME: 52 29 <305> ISSUE: (3-4) 30 <306> PAGES: 302-307 31 <307> DATE: 2001 32 <308> DATABASE ACCESSION NO: AF291815 33 <309> DATABASE ENTRY DATE: 2000-08-01 34 <313> RELEVANT RESIDUES: (1)..(1083) 36 <300> PUBLICATION INFORMATION: 37 <308> DATABASE ACCESSION NO: AF291815 38 <309> DATABASE ENTRY DATE: 2000-08-01 39 <313> RELEVANT RESIDUES: (1)..(1083) 41 <400> SEQUENCE: 1 42 cagagagcaa tatggctggt tccccaacat gcctcaccct catctatatc ctttggcagc 60 44 tcacagggtc agcagcctct ggacccgtga aagagctggt cggttccgtt ggtggggccg 120 46 tgactttccc cctgaagtcc aaagtaaagc aagttgactc tattgtctgg accttcaaca 180 48 caacccctct tgtcaccata cagccagaag ggggcactat catagtgacc caaaatcgta 240 50 ataqqqaqaq aqtaqacttc ccaqatqqaq gctactccct gaagctcagc aaactgaaga 300 52 agaatgactc agggatctac tatgtgggga tatacagctc atcactccag cagccctcca 360 420 54 cccaqqaqta cqtqctqcat qtctacqaqc acctgtcaaa gcctaaagtc accatgggtc 56 tgcaqaqcaa taaqaatggc acctgtgtga ccaatctgac atgctgcatg gaacatgggg 480 58 aagaggatgt gatttatacc tggaaggccc tggggcaagc agccaatgag tcccataatg 540 60 ggtccatcct ccccatctcc tggagatggg gagaaagtga tatgaccttc atctgcgttg 600 62 ccaqqaaccc tqtcaqcaqa aacttctcaa qccccatcct tqccaqqaaq ctctgtgaag 660 64 gtgctgctga tgacccagat tcctccatgg tcctcctgtg tctcctgttg gtgcccctcc 720

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780

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87 <301> AUTHORS: Boles, K.S. and Mathew, P.A.
88 <302> TITLE: Molecular cloning of CS1, a novel human natural killer cell
89 <303> JOURNAL: Immunogenetics
90 <304> VOLUME: 52
91 <305> ISSUE: (3-4)
92 <306> PAGES: 302-307
93 <307> DATE: 2001
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113 Val Gly Gly Ala Val Thr Phe Pro Leu Lys Ser Lys Val Lys Gln Val
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117 Asp Ser Ile Val Trp Thr Phe Asn Thr Thr Pro Leu Val Thr Ile Gln
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121 Pro Glu Gly Gly Thr Ile Ile Val Thr Gln Asn Arg Asn Arg Glu Arg
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125 Val Asp Phe Pro Asp Gly Gly Tyr Ser Leu Lys Leu Ser Lys Leu Lys
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129 Lys Asn Asp Ser Gly Ile Tyr Tyr Val Gly Ile Tyr Ser Ser Leu
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133 Gln Gln Pro Ser Thr Gln Glu Tyr Val Leu His Val Tyr Glu His Leu
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137 Ser Lys Pro Lys Val Thr Met Gly Leu Gln Ser Asn Lys Asn Gly Thr
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141 Cys Val Thr Asn Leu Thr Cys Cys Met Glu His Gly Glu Glu Asp Val
142 145
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157	Ile		Ala	Arg	Lys	Leu	_	GLu	GIA	Ата	Ата		Asp	Pro	Asp	ser
158		210					215					220				
161	Ser	Met	Val	Leu	Leu	Cys	Leu	Leu	Leu	Val	Pro	Leu	Leu	Leu	Ser	Leu
162	225					230					235					240
165	Phe	Val	Leu	Gly	Leu	Phe	Leu	Trp	Phe	Leu	Lys	Arg	Glu	Arg	Gln	Glu
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174		110	275	110		501	011	280			0_4	-1-	285			
	TT : a	mh~		7 ~~	mh∞	т1.	T 011		C1.,	λαρ	Dro	7 l s		Thr	17 - 1	Tree
	HIS		ASII	Arg	1111	116		гуу	GIU	ASP	PIO	300	ASII	1111	Val	TYT
178		290				_	295	_			_			_	_	_
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VERIFICATION SUMMARY

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 $L:13\ M:271\ C:$ Current Filing Date differs, Replaced Current Filing Date